

**MATERIAL SAFETY DATA SHEET**UPDATED  
Feb. 2004

MANUFACTURER'S ADDRESS: W.R. SWEENEY MFR., INC. P.O. BOX 205 SALISBURY, MO 65281		TELEPHONE NO.: 636-537-3186	EMERGENCY PHONE NO.: Contact your local Poison Control Center or 1-800-888-7378
PRODUCT NAME: SWEENEY'S POISON PEANUTS MOLE & GOPHER BAIT IT		(EPA Reg. No. 30-25)	CAS NO.: 1314-84-7
CHEMICAL FAMILY: Inorganic		CHEMICAL NAME & SYNONYMS: Zinc Phosphide	
CHEMICAL FORMULA: Zn <sub>3</sub> P <sub>2</sub>		TRADE NAME & SYNONYMS: Zinc Phosphide	
<b>SECTION I. HAZARDOUS INGREDIENTS</b>			
ACTIVE INGREDIENTS: Zinc Phosphide		% 2.0	CURRENT TLV: N.E.
<b>SECTION II. PHYSICAL DATA OF ACTIVE INGREDIENT</b>			
APPEARANCE & ODOR: Crystalline powder, garlic-like odor	MOLECULAR WEIGHT: 258.09	MELT POINT: 420° C	SPECIFIC GRAVITY: 4.55 gm/ml
VAPOR DENSITY (AR=1): NA	COLOR: Grey powder	BULK DENSITY: NA	BOILING POINT: 1100° C
VAPOR PRESSURE: NA	SOLUBILITY: Insoluble in water	WATER REACTIVE: NA	EVAPORATION RATE: NA
<b>SECTION III. FIRE &amp; EXPLOSION DATA OF PRODUCT</b>			
FLASH POINT F (METHOD USED): NA		FLAMMABLE LIMIT: NA	AUTOIGNITION TEMP.: NA
EXTINGUISHING MEDIA: Extinguish with water, foam or inert gas.			
SPECIAL FIRE FIGHTING PROCEDURES: None			
UNUSUAL FIRE OR EXPLOSION HAZARDS: Avoid contact with acids.			
<b>SECTION IV. REACTIVITY HAZARD DATA OF ACTIVE INGREDIENT</b>			
STABILITY: Stable	CONDITIONS TO AVOID: Keep dry and away from acids.		
POLYMERIZATION: Will not occur.	CONTIONS TO AVOID: NA		
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing agents and acids.		HAZARDOUS DECOMPOSITON PRODUCTS: Phosphine gas.	
<b>SECTION V. TOXICITY DATA</b>			
LD50, ORAL (INGESTION): (2% AI) [Rat] 1375 mg/kg	LD50, DERMAL (SKIN CONTACT): (94% AI) [Rabbit] 2000-5000 mg/kg	INHALATION: LC <sub>50</sub> (10% AI) >19.6 mg/l of air	
FISH, LC50 (LETHAL CONCENTRATION): [Rainbow trout] 0.5 mg/kg (94% AI)	SKIN IRRITATION: Not considered to be an irritant.	OTHER: NE	

SECTION VI. HEALTH HAZARD DATA OF PRODUCT		
PRIMARY ROUTE OR ENTRY: <input type="checkbox"/> Ingestion <input type="checkbox"/> Inhalation <input type="checkbox"/> Skin absorption <input type="checkbox"/> Skin & eye contact	MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: <p style="text-align: center;">None</p>	SIGNAL WORD: <p style="text-align: center; font-size: 2em;"><b>Caution</b></p>
HEALTH HAZARDS: 1- Caution: May be irritating.	SIGNS & SYMPTOMS OF EXPOSURE: <p style="text-align: center;">Nausea, abdominal pain, tightness in chest, chills.</p>	
EMERGENCY FIRST AID PROCEDURES: Any persons applying zinc phosphide products and experiencing signs and symptoms such as nausea, abdominal pain, tightness in the chest, or weakness should be seen by a physician immediately. <b>IF SWALLOWED:</b> Immediately call a Poison Control Center or physician, or transport the patient to the nearest hospital. Do not drink water. Do not administer anything by mouth or make the patient vomit unless advised to do so by a physician. <b>IF INHALED:</b> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice. <b>IF ON SKIN OR CLOTHING:</b> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. <b>IF IN EYES:</b> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison center or doctor for treatment advice. <b>NOTE TO PHYSICIAN:</b> Gastric lavage followed by liquid petrolatum is indicated. Avoid digestive fats and oils. Supportive treatment for convulsions, delirium, hepatic and renal insufficiency should be given.		
SPECIAL PROTECTION INFORMATION: Wash hands thoroughly after use.		
SECTION VII. CONTROL & PROTECTIVE MEASURES OF PRODUCT		
RESPIRATOR TYPE: <p style="text-align: center;">None</p>		
EYE PROTECTION: <p style="text-align: center;">None</p>	GLOVES: <p style="text-align: center;">None</p>	VENTILATION: <p style="text-align: center;">None</p>
OTHER PROTECTIVE MEASURES: <p style="text-align: center;">None</p>		
SECTION VIII. SPILL OR LEAK PROCEDURE OF PRODUCT		
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: <p style="text-align: center;">General clean-up.</p>		
WASTE DISPOSAL METHOD: <p style="text-align: center;">If waste cannot be disposed of by use according to label instruction, call your local solid waste agency or 1-800-CLEANUP for disposal instructions.</p>		

SECTION IX. SPECIAL PRECAUTIONS & STORAGE DATA OF PRODUCT	
STORAGE TEMPERATURE: Room temperature.	AVERAGE SHELF LIFE: Under exposed acid free conditions, will remain active for long periods of time.
SPECIAL SENSITIVITY (HEAT, LIFE, MOISTURE): Stable under dry conditions.	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid acidic conditions – in presence of dilute acids phosphine gas is liberated.	
SECTION X. SHIPPING DATA OF PRODUCT	
D.O.T. SHIPPING NAME: SWEENEY'S POISON PEANUTS	TECHNICAL SHIPPING NAME: Rodenticides containing Zinc Phosphide.
D.O.T. HAZARD CLASSIFICATION: Non-hazardous	
D.O.T. LABELS REQUIRED: None	FREIGHT CLASSIFICATION: Class 60
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